

9. Program Assessment and Reporting

9.1. Overview

This chapter describes the details that are required by the Permit in each Annual Report. These reports are due on or before October 1 each year and are submitted to the appropriate District Supervisor of the MDEQ Water Division. This chapter is organized as follows:

- Section 9.2. describes the progress of MDOT toward compliance of the permit and also describes any non-compliance issues.
- Section 9.3. describes the environmental impacts from the application of the MDOT storm water management program.
- Section 9.4. describes data and results recorded over the past year.
- Section 9.5. describes upcoming activities that will be occurring during the next reporting period.
- Section 9.6. describes changes in the types of BMPs recommended and used by MDOT.
- Section 9.7. describes changes in the MDOT storm water operators.
- Section 9.8. describes changes in the MDOT drainage system.
- Section 9.9. describes changes in the proposed fiscal analysis reported during the previous year.
- Section 9.10. describes the annual expenditures experienced during this reporting period and the expenditures expected for the next reporting period.

9.2. Compliance Assessment

During this reporting period, MDOT made extensive progress toward meeting compliance goals with the Permit. One major component of MDOT's efforts was the identification and removal of illicit discharges and connections from the five Phase I communities. An initial screening of all known outfalls has been completed. Follow-up investigations of potential illicit discharges and connections are expected to be completed by the end of 2002. A summary of all of the illicit discharges and connections that were removed in this recording period and of the illicit discharge elimination program in general is provided in Chapter 10 and Appendix F.

The appropriateness of all BMPs was assessed by MDOT, which led to the development of a MDOT approved BMP matrix, attached as Appendix G. Many of the components of the list are discussed more specifically in the SWMP.

MDOT also complied with pollution prevention initiatives. The MDOT does not have information pertaining to the amount of household hazardous waste collected over time, as the MDOT does not deal with this issue. There were no major spills at MDOT's facilities. Recycling of any oil products is dealt with on a site-to-site basis, and is discussed more thoroughly in the Pollution Incident Prevention Plan (PIPP) written for each of MDOT's facilities.

Over this reporting period, MDOT made extensive progress toward complying with the public education requirements. MDOT established a new public education Web site that is used to educate the general public about storm water pollution issues and the work that is ensuing. Over 5,250 brochures, 5,500 litterbags, and 5,800 business cards were distributed promoting general storm water information, and the Web site this reporting period. Although no neighborhood meetings were held, contact information was available on the MDOT Web site for the public to be able to contact and voice their questions or concerns on the storm water management program.

MDOT also complied with the permit on a site-to-site basis. Each project was required to turn in an erosion and sediment control plan to be reviewed and approved before construction, and all projects followed MDOT soil erosion and sedimentation control practices.

9.3. Environmental Impacts

MDOT is implementing measures that we believe will improve water quality. A water quality analysis of the waterways in these five regions was not part of the scope of this project, so the water quality improvement is not quantifiable at this time. The final results of the IDEP program are currently being made, which will include environmental impacts. An assessment of the pollution reduction and probable receiving water quality impacts associated with the program implementation will be provided in the next Annual Report.

9.4. Data and Results

As required in the permit, a summary of all information collected and analyzed during the reporting cycle is included in Chapter 10 and Appendix F of this report. This data was recorded during the IDEP work discussed in Chapter 5 of this report and Chapter 6 of the SWMP.

9.5. Upcoming Activities

MDOT has a variety of storm water educational activities that will be implemented during the next reporting period. The MDOT Web page will continue to be promoted and updated with new information including the SWMP and this Annual Report. Watershed organizations will be informed of the posting of the Storm Water Management Plan on the Web site. Previously developed articles will be published in the MDOT Today Newsletter, as well as the Adopt-a-Highway newsletter. The Lansing Information Center will be established in the refurbished MDOT library and a tracking system will be established for the storm water material that is checked out.

The MS4 team will continue to have monthly progress meetings.

Training sessions will also continue to keep MDOT employees informed of storm water programs and new information concerning storm water that could be applied to their profession. The training modules will be finished and used during the next reporting period with new training modules also being developed.

The new Drainage Manual is expected to be completed and ready for use in May, 2003. Changes to the tap-in process in the Construction Permit Manual will also be completed during the next reporting period. Legal methods and options for notification for permit changes will be examined and chosen, changes in data entry and reporting will be identified and implemented, and changes in the description of the permit process will be developed and distributed.

MDOT will continue to track and work towards eliminating any illicit connections if they are identified during the IDEP process over the course of the next reporting period.

Non-compliance issues that are reported to MDOT will be examined and corrected. MDOT will create a more defined process to receive and consider complaints about construction storm water runoff.

Over the next reporting period, the existing operation and maintenance program, fleet maintenance program, and pesticide and fertilizer program will be continued. All flood control projects and structural BMPs that were constructed and are on a plan to be constructed over the next five-year planning period, will be identified and all outfall maps will be updated annually.

Phase II Permit applications are due March 10, 2003. The MDOT is currently working with the MDEQ to develop an individual statewide permit with regional SWMPs to satisfy the Phase II permit requirements.

9.6. BMP Changes

There are no changes planned at this time for the BMPs identified in this report or the SWMP.

9.7. Notice of Changes in Reliance on Permitted Drainage System Operators

No other operators besides MDOT will be implementing the SWMP, therefore there is no change in the reliance on co-operators.

9.8. Drainage System Changes

Over the past five years, there have been many changes to the MDOT drainage system in each of the five Phase I communities. There have been many updates and corrections to the outfall maps. Rather than explain all of the changes, new maps and outfall numbers are provided. The maps showing what exists at this point in time are included in Chapter 10 under the discussion for each community. These maps include a table with the identification number and location (including the latitude and longitude) of all outfalls included in each community.

9.9. Revised Fiscal Analysis

The fiscal analysis for this reporting period was not revised and followed the budget designated.

9.10. Annual Budget

Table 9-1 provides a summary of the past annual expenditures and estimated expenditures for fiscal year 2003. The fiscal year is from October 1st through September 30th of each year. Financial information is provided for all ongoing MS4 work in the state and is not possible to track for specific permits. The FY2003 estimated budget does not include work in the Phase II communities at this time since the terms of the permit for MDOT's involvement in the Phase II communities is currently being negotiated.

Table 9-1 Annual Expenditure and Budget

Fiscal Year	Annual Expenditure
FY1999	\$142,111
FY2000	\$1,017,346
FY2001	\$764,142
FY2002 (Incomplete Information)	\$609,338
FY2003 Estimated Budget	\$550,000